

# MATERIAL SAFETY DATA SHEET

## Miracle-Gro® Lawn Food Plus Weed Control 29-3-3

20600

Miracle-Gro Lawn Products, Inc.  
800 Port Washington Blvd.  
Port Washington, New York 11050

In Case of Emergency,  
Call: 1-800-529-6569  
For Non-Emergency Calls:  
1-800-529-6569

### I. MATERIAL IDENTIFICATION

Product Name: Miracle-Gro(R) Lawn Food Plus Weed Control  
Analysis: 29-3-3  
Stock Number: 20600  
EPA Reg. Number: 538-175-62355

NFPA Hazard Ratings		
Health	2	0 Least
Flammability	0	1 Slight
Reactivity	1	2 Moderate
		3 High
		4 Severe

### II. HAZARDOUS INGREDIENTS

MATERIAL	CAS #	OSHA PEL	ACGIH TLV
2,4-Dichlorophenoxyacetic acid (2,4-D)	94-75-7	None	None
2-(2-Methyl-4-chlorophenoxy)propionic acid (MCPP)	93-65-2	None	None
3,6-Dichloro-anisic acid (Dicamba)	1918-00-9	None	None
Urea	57-13-6	None	None
Monoammonium Phosphate	7722-76-1	None	None
Potassium Chloride	7447-40-7	None	None
Sulfur	7704-34-9	None	None

### III. FIRST AID PROCEDURES

Eyes: Flush with water for 15 minutes holding eyelids open. Get medical attention if irritation persists.  
Ingestion: Give milk and demulcents. Induce vomiting or gastric lavage if large amounts ingested. A cathartic may be given.  
Skin: Wash thoroughly. If irritation persists, get medical attention.

### IV. HEALTH HAZARD INFORMATION

#### Summary of Risks:

Possible nausea, blood clotting changes, muscle twitchings, cardiac arrhythmias, vomiting, and diarrhea. Severe poisonings include coma, convulsions, hyporeflexia, myotonia, urinary incontinence, fall in blood pressure.

Primary Entry Route(s): Ingestion.  
Acute Effects: Causes eye injury. Avoid contact with eyes, skin, or clothing.  
May be harmful if swallowed.

Medical conditions which may be aggravated by contact: None known

Ingredients Listed as a Carcinogen: IARC Monographs: No  
NTP: No  
OSHA: No

**V. PERSONAL PROTECTION AND PRECAUTIONS**

Eye Contact: Protective eyewear not required under normal use conditions. User should avoid eye contact.

Gloves: Gloves are not required under normal use conditions. Wash thoroughly with soap and water after using this product. Use rubber gloves if skin contact is potentially great.

Respiratory: Dust respirator if potential inhalatory exposure is great.

Other: When using this product, wear long sleeved shirt, long pants, socks and shoes.

After using this product, remove clothing and launder separately before reuse.

**VI. PHYSICAL HAZARD INFORMATION**Fire and Explosion

Flash Point (Test Method): N/A

Flammable Limits (% in Air): N/A

Auto Ignition Temperature: N/A

Extinguishing Media: Dry chemical, water, foam and CO<sub>2</sub>.

Physical Properties

Appearance: Granular

Melting Point: N/A

Boiling Point: N/A

Solubility in H<sub>2</sub>O: N/A

Specific Gravity: N/A

Vapor Pressure: N/A

Evaporation Rate: N/A

Reactivity

Stability:

Stable

Hazardous Polymerization:

Will not occur

Conditions to Avoid:

Do not apply when weather conditions favor drift from target area. Drift or run-off may adversely affect non-target plants. Do not allow people (other than the applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried or dust has settled.

Hazardous Decomposition Products:

Urea and methylene urea nitrogen sources can generate ammonia in a fire. Also toxic oxides of nitrogen, phosphorous, chlorine, sulfur and potassium may form.

Chemical Incompatibilities:

None known.

Unusual Fire, Explosion and Reactivity Hazards:

None known.

In Case of Fire:

Use self-contained air supply.

**VII. REGULATORY INFORMATION**

DOT Classification: Not classified as hazardous. RQ2,4-D = 100 lbs.

**VIII. STORAGE AND SPECIAL PRECAUTIONS**Precautions to be taken in handling and storage:

See label. Avoid bag breakage. Keep away from feed or foodstuffs. Avoid contact with skin, eyes, or clothing.

Wash after handling. Keep out of reach of children. Keep out of lakes, streams, or ponds. Do not store near fertilizers, seeds, insecticides, or fungicides.

In case of spills:

Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash after handling.

Waste management/disposal:

Pesticide disposal: Securely wrap original container in several layers of newspaper and discard in trash.

Container disposal: Do not reuse bag. Discard bag in trash.

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